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### AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

#### Listing of Claims

1. (Currently Amended) An acoustic transducer comprising:  
a frame;  
a magnet mounted on the frame, where the magnet and the frame forms  
a gap and the magnet produces a magnetic field region in the gap;  
a sheet of diaphragm material folded into portions comprising:  
a substantially planar portion, and  
at least one fin portion; and  
a voice coil mounted on the fin portion and immersed in the magnetic  
field region.

2. (Cancelled)

3. (Currently Amended) The ~~low-profile~~ acoustic transducer of claim 1, where a 90° fold in the sheet of diaphragm material is adjacent to a 180° fold in the sheet of diaphragm material.

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4. (Currently Amended) The ~~low-profile~~ acoustic transducer of claim 1, where two 90° folds in the sheet of diaphragm material are adjacent to a 180° fold in the sheet of diaphragm material.

5. (Currently Amended) The ~~low-profile~~ acoustic transducer of claim 1, where a first 90° fold in the sheet of diaphragm material is adjacent to a second 90° fold and the second 90° fold is adjacent to a 180° fold in the sheet of diaphragm material.

6. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material is a sheet of electrically non-conductive material.

7. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material comprises a sheet of electrically non-conductive material to which is bonded a conductive trace for the voice coil.

8. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material comprises a sheet of electrically conductive material.

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9. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material comprises a polymer material.

10. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material is a sheet of polyethylenenaphthalate material.

11. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material is a sheet of polyester material.

12. (Original) The acoustic transducer of claim 1, where the sheet of diaphragm material is a sheet of MYLAR.

13-16. (Canceled)

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17. (Currently Amended) A low-profile transducer comprising:
- a frame;
  - a sheet of diaphragm material folded into portions comprising:
    - a ~~planar~~ projection surface portion, and
    - a fin portion;
  - ~~a voice coil mounted on the fin portion;~~
  - a magnet structure mounted on the frame, where the magnet structure and the frame forms a gap and the magnet structure produces a magnetic-field region in the gap; and
  - an electrically conductive voice coil coupled to the sheet of diaphragm material and extending out of a plane of the projection surface;
  - where the voice coil resides at least partially in the magnetic-field region.
18. (Original) The low-profile transducer of claim 17, where the connection is a pliable surround.
19. (Original) The low-profile transducer of claim 17, where the voice coil is mounted on the fin.

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20. (Original) The low-profile transducer of claim 19, where the fin extends in a direction substantially perpendicular to the projection surface.

21. (Original) The low-profile transducer of claim 17, where the frame comprises a ferromagnetic material.

22. (Original) The low-profile transducer of claim 17, where the frame comprises a ferromagnetic material, and where the frame provides a return path for a magnetic field generated by the magnet structure.

23. (Original) The low-profile transducer of claim 17,  
where the frame comprises a ferromagnetic material,  
where the magnet structure comprises a magnet and a portion of the frame, and

where the magnetic-field region is formed between the magnet and the portion of the frame.

24. (Original) The low-profile transducer of claim 17, where the frame is non-ferromagnetic.

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25. (Original) The low-profile transducer of claim 17, where the frame is non-ferromagnetic and where the magnet structure comprises a magnet and a ferromagnetic material.

26. (Original) The low-profile transducer of claim 17, where the frame has a substantially crenellated shape.

27. (Original) The low-profile transducer of claim 17, where the frame includes a groove.

28. (Original) The low-profile transducer of claim 17, where the projection surface of the diaphragm is in the shape of a rectangle.

29. (Original) The low-profile transducer of claim 17, further comprising a filler material attached to the projection surface, and a second sheet of material attached to the filler material, where the filler material and the second sheet provide additional rigidity to the projection surface.

30. (Original) The low-profile transducer of claim 17, further comprising a second sheet of material attached to the projection surface.

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31. (Original) The low-profile transducer of claim 17, where the frame comprises a groove, and where the magnet structure is adjacent to the groove.

32. (Original) The low-profile transducer of claim 17, where the voice coil comprises an insulated metal wire.

33-34. (Canceled)